

## Special Issue

# Advanced Technologies of Water and Wastewater Treatment

### Message from the Guest Editors

With more than 2 billion people worldwide suffering from water scarcity, clean water is one of the most important natural resources on earth, whereas wastewater, which corresponds to spent water, can be considered a valuable natural resource, if treated and reused. This Special Issue aims to address the current pressing problems of natural water resource contamination, as well as wastewater treatment and reuse. Papers are invited that investigate innovative treatment options for aquatic environments. Topics may include, but are not limited to studies on: Water and wastewater treatment technologies that can address the contaminants of emerging concern for the aquatic environment, such as membrane filtration, adsorption, coagulation, ion exchange, biological processes, ozonation and advanced oxidation or hybrid processes. Moreover, papers are welcome that deal with the fate and removal of microplastics, heavy metals, pharmaceuticals, oxyanions, toxic dyes and several other environmental pollutants of global concern.

---

### Guest Editors

Dr. Athanasia Tolkou

Department of Chemistry, School of Science, Democritus University of Thrace, GR-654 04 Kavala, Greece

Prof. Dr. George Z. Kyzas

Department of Chemistry, School of Science, Democritus University of Thrace, GR-654 04 Kavala, Greece

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 5.7



[mdpi.com/si/174241](https://mdpi.com/si/174241)

*Environments*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[environments@mdpi.com](mailto:environments@mdpi.com)

[mdpi.com/journal/  
environments](https://mdpi.com/journal/environments)





# Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 5.7



[mdpi.com/journal/  
environments](https://mdpi.com/journal/environments)



## About the Journal

### Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy
2. State Key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.7 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2024).